



## Flood Authority Ongoing Efforts – April 8, 2010

| Effort                     | Description                                                                                                                                              | Status                                                                                                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General Investigation (GI) | Participate in an effort to study and develop projects for ecosystem restoration and flood reduction in the Chehalis basin.                              | The GI Work Group met with the Corps to discuss the draft PMP on March 26 <sup>th</sup> . An interlocal agreement is being developed. The target date for PMP approval is May 14.                                       |
| Flood Plan                 | Revise the draft Flood Plan, share with the public, and move towards adoption/approval.                                                                  | Public meetings on the Flood Plan were held in early April. Revisions based on public comment will be made and the target date for Authority approval of the plan is June.                                              |
| Regulatory Work Group      | Work with jurisdiction staff to prepare a set of regulatory recommendations.                                                                             | The work of the Regulatory Work Group is complete and was shared with the Flood Authority at the January 21 <sup>st</sup> meeting. The results have been incorporated into the Flood Plan.                              |
| Coordinated Study          | Develop comparable timely data on the Twin Cities project and an upstream storage facility, and determine if there is a feasible combination of the two. | An RFP was issued and three proposals were received. Due to budget uncertainties the proposal review process has been put on hold.                                                                                      |
| Supplemental Budget        | Request reappropriation of state funds to continue Flood Authority work in FY 10/11.                                                                     | The legislature is currently in a special session and the Flood Authority's budget has not yet been determined.                                                                                                         |
| Flood District Formation   | Move toward formation of a permanent governance and finance structure.                                                                                   | A recommendation to select FCS Group for this work will be presented to the Authority at the April 15 meeting. A scope and contract will be presented to the Authority for approval May 20.                             |
| Public Involvement         | Conduct outreach to Flood Authority stakeholders.                                                                                                        | Public meetings on the Flood Plan were held on April 5 in Rochester, April 6 in Montesano, and April 7 in Chehalis. A memo on the meetings is included in the agenda packet and a full report will be presented in May. |



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| Ripe & Ready Studies                       | Description                                                                                                                                             | Status                                                                                                                                                                                 |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Upstream Storage Phase 2 Feasibility Study | Fund Lewis County PUD evaluation of water storage facilities on the upper Chehalis River.                                                               | Proceeding via Lewis County PUD. Authorization to begin Phase 2b was given at the February 18 Flood Authority meeting.                                                                 |
| Skookumchuck Dam Modification Feasibility  | Conduct a feasibility study to determine if some modification can allow for faster drawdown of the reservoir during flood events.                       | The feasibility analysis is complete. It was determined that modification to allow faster drawdown was not feasible without threatening the integrity of the dam.                      |
| Early Warning Program                      | Work with emergency management staff of local jurisdictions to design and implement a system to warn citizens in advance of an anticipated flood event. | Proceeding via WEST Consulting. WEST is preparing a phase 2 scope for BAC review on May 6 and Flood Authority review on May 20.                                                        |
| Ecosystem Services                         | Conduct an economic analysis to value flood protection and other ecosystem services in the basin to help select projects.                               | Proceeding via Earth Economics. Earth Economics held a workshop on March 30. They are revising the draft report and an edited version is expected in May or June.                      |
| Lower-basin Hydraulic Model                | Develop a model for the basin below Grand Mound to provide consistent information with the upper-basin model.                                           | FEMA will be developing a hydraulic model of the lower basin as part of a flood study for the area. The Flood Authority may choose proceed with its own model if funding is available. |
| Seamless LiDAR                             | Fill gaps in basin LiDAR information to provide consistent topographical information for modeling and analysis.                                         | Proceeding via Lewis County. LiDAR flights have been put on hold due to budget uncertainties.                                                                                          |